

FORM PTO-1595  
1-31-82RECORDATION FORM COVER SHEET  
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

S&amp;H 9/92

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Tadao NAKAZAWA, Hiroshi ONAKA, and Minoru SEINO

## 2. Name and address of receiving party(ies):

Fujitsu Limited

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588, JAPAN

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: \_\_\_\_\_Execution Date(s): 3/25/99; 3/25/99; 3/25/99

## 4. Application number(s) or patent number(s):

This document is being filed together with a new application:

(a) The execution date(s) of the application is/are: \_\_\_\_\_

(b) The title is: \_\_\_\_\_

\*\*\* OR \*\*\*

This document is being filed after filing of the application:

(a) Patent Application No(s). 09/248,103, filed February 11, 1999; or

(b) Patent No(s). \_\_\_\_\_, issued \_\_\_\_\_

## 5. Name and address of party to whom correspondence concerning document should be mailed:

STAAS &amp; HALSEY LLP

Our Docket: 614.1921

Attention: Paul I. Kravetz

700 Eleventh Street, N.W.

Suite 500

Washington, D.C. 20001

6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41)..... \$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account.8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)  
(Attach duplicate copy of this page if paying by deposit account)

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Paul I. Kravetz, Reg. 35,230  
Name of Person Signing  
SignatureMay 3, 1999  
DateTotal number of pages including cover sheet: 3

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## U.S. ASSIGNMENT

S-11 2/99

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

FUJITSU LIMITED

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588

Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

ACOUSTO-OPTICAL TUNABLE FILTERS CASCADED TOGETHER

relating to International Patent Application PCT/JP\_\_\_\_/\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on \_\_\_\_\_: (Insert date of execution of application, if not concurrent)

(b) filed on February 11, 1999

Serial No. 09 / 248,103

Any registered attorney of STAAS & HALSEY, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified date, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) Tadao Nakazawa  
Tadao Nakazawa

March 25, 1999

Masaharu Tadokoro  
Masaharu Tadokoro

2) Hiroshi Onaka  
Hiroshi Onaka

March 25, 1999

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3)	<u>Minoru Seino</u> Minoru Seino	<u>March 25, 1999</u>	<u>Masaharu Tadokoro</u> Masaharu Tadokoro
4)	_____	_____	_____
5)	_____	_____	_____
6)	_____	_____	_____
7)	_____	_____	_____
8)	_____	_____	_____
9)	_____	_____	_____
10)	_____	_____	_____
11)	_____	_____	_____
12)	_____	_____	_____